

HEIGHTS ON MAPS

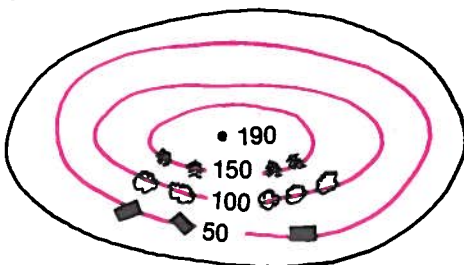
Geolab 11 — Exercise



- The following drawing shows the island with the three contours drawn. The contour interval is 50 m.**



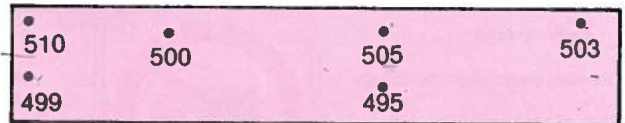
- a) How high above sea level is point X?
b) About how high above sea level is point Y?
2. The island is an oval shape. The map below shows the 50, 100, and 150 m contour lines. Each line forms an oval similar but smaller than the island in shape. On this map the highest point is shown with a dot. This is called a spot height.



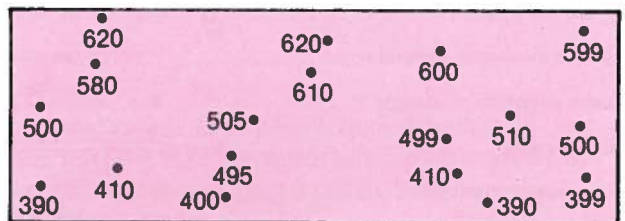
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You will notice that the 50 m contour line divides the distance between the 45 m and 55 m spot heights. Use the same idea to find the 500 m contour line below.

- 4. Copy the following diagram and draw in the 500 m contour.**



- 5. Copy the following diagram. Draw in the 400, 500, and 600 m contours.**



- 6. Copy the diagram below. It shows a river flowing into the ocean. The 50 m contour line has been drawn in. Note that it makes the shape of a letter v pointing upstream. Draw in the contour lines at 25, 75, 100, and 125 m above sea level. Keep the v shape in the contour lines that you draw.**

